



SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

# United States Patent Application

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **HIGH DOSE RADIONUCLIDE COMPLEXES FOR BONE MARROW SUPPRESSION.**

The specification of which was filed on December 11, 2001 as application serial no. 10/014,335 and was amended on December 11, 2001.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. §1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

**No such claim for priority is being made at this time.**

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

<u>Application Number</u>	<u>Filing Date</u>
60/139,065	June 11, 1999
60/143,780	June 13, 1999
60/149,821	August 19, 1999

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Number</u>	<u>Filing Date</u>	<u>Status</u>
PCT/US00/16052	June 12, 2000	Complete

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Attorney of NeoRx Corporation:

Anna Lewak Wight Reg. No. 33,006

Attorneys and agents of Schwegman, Lundberg, Woessner & Kluth, P.A.:

Anglin, J. Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Nelson, Albin J.	Reg. No. 28,650
Aronoff, Marvin S.	Reg. No. 35,052	Haack, John L.	Reg. No. 36,154	Nicholson, Lea A.	Reg. No. 48,346
Arora, Suneel	Reg. No. 42,267	Harris, Robert J.	Reg. No. 37,346	Nielsen, Walter W.	Reg. No. 25,539
Beekman, Marvin L.	Reg. No. 38,377	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Padys, Danny J.	Reg. No. 35,635
Berdie, Raymond R.	Reg. No. P-50,769	Jurkovich, Patti J.	Reg. No. 44,813	Parker, J. Kevin	Reg. No. 33,024
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Perdok, Monique M.	Reg. No. 42,989
Billion, Richard E.	Reg. No. 32,836	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peret, Andrew R.	Reg. No. 41,246
Black, David W.	Reg. No. 42,331	Kluth, Daniel J.	Reg. No. 32,146	Peterson, David C.	Reg. No. 47,857
Brennan, Thomas F.	Reg. No. 35,075	Lacy, Rodney L.	Reg. No. 41,136	Prout, William F.	Reg. No. 33,995
Brooks, Edward J., III	Reg. No. 40,925	Lemaire, Charles A.	Reg. No. 36,198	Schumm, Sherry W.	Reg. No. 39,422
Chadwick, Robin A.	Reg. No. 36,477	LeMoine, Dana B.	Reg. No. 40,062	Schwegman, Micheal L.	Reg. No. 25,816
Clark, Barbara J.	Reg. No. 38,107	Lundberg, Steven W.	Reg. No. 30,568	Scott, John C.	Reg. No. 38,613
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Dahl, John M.	Reg. No. 44,639	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Drake, Eduardo E.	Reg. No. 40,594	McCrackin, Ann M.	Reg. No. 42,858	Stordal, Leif T.	Reg. No. 46,251
Embreton, Janet E.	Reg. No. 39,665	McTavish, Hugh E.	Reg. No. 48,341	Terry, Kathleen R.	Reg. No. 31,884
Forrest, Bradley A.	Reg. No. 30,837	Mehrle, Joseph P.	Reg. No. 45,535	Tong, Viet V.	Reg. No. 45,416
Gamon, Owen J.	Reg. No. 36,143	Moore, Charles L., Jr.	Reg. No. 33,742	Vikmans, Ann S.	Reg. No. 37,748
Gorrie, Gregory J.	Reg. No. 36,530	Muller, Mark V.	Reg. No. 37,509	Woessner, Warren D.	Reg. No. 30,440
Gortych, Joseph E.	Reg. No. 41,791	Nama, Kash	Reg. No. 44,255		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402  
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : Alan R. Fritzberg

Citizenship: United States of America

Residence: Olga, WA

Post Office Address: 417 E.J. Young Road  
Olga, WA 98279

Signature: \_\_\_\_\_

Alan R. Fritzberg

Date: \_\_\_\_\_

Full Name of joint inventor number 2 : Paul G. Abrams

Citizenship: United States of America

Residence: Seattle, WA

Post Office Address: 2125 1st Avenue, #1602  
Seattle, WA 98121

Signature: Paul G. Abrams

Paul G. Abrams

Date: 2/21/02

Additional inventors are being named on separately numbered sheets, attached hereto.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 3 : Lauren Marie Tatalick

Citizenship: United States of America Residence: Redmond, WA  
Post Office Address: 21235 N.E. 50th  
Redmond, WA 98053

Signature:

Lauren Marie Tatalick

Date:

Feb. 22, 2002

Lauren Marie Tatalick

Full Name of joint inventor number 4 : Kent R. Thoelke

Citizenship: United States of America Residence: Seattle, WA  
Post Office Address: 2115 Westlake Avenue N.  
Seattle, WA 98109

Signature:

Kent R. Thoelke

Date:

Full Name of joint inventor number 5 : James Kyle Bryan

Citizenship: United States of America Residence: Seattle, WA  
Post Office Address: 905 13th Avenue East  
Seattle, WA 98102

Signature:

James Kyle Bryan

Date:

Full Name of joint inventor number 6 : Mark D. Hylarides

Citizenship: United States of America Residence: Stanwood, WA  
Post Office Address: 21728 - 50th Avenue NW  
Stanwood, WA 98292

Signature:

Mark D. Hylarides

Date:

X Additional inventors are being named on separately numbered sheets, attached hereto.

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Citizenship: United States of America

Residence: Redmond, WA

Post Office Address: 21235 N.E. 50th  
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Signature:

Lauren Marie Tatalick

Date:

Full Name of joint inventor number 4 : Kent R. Thoelke

Citizenship: United States of America

Residence: Seattle, WA

Post Office Address: 2115 Westlake Avenue N.  
Seattle, WA 98109

Signature:

Kent R. Thoelke

Date:

March 4, 2002

Full Name of joint inventor number 5 : James Kyle Bryan

Citizenship: United States of America

Residence: Seattle, WA

Post Office Address: 905 13th Avenue East  
Seattle, WA 98102

Signature:

James Kyle Bryan

Date:

Full Name of joint inventor number 6 : Mark D. Hylarides

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Full Name of joint inventor number 7: Elizabeth K. John

Citizenship: United States of America  
Post Office Address: 620 Galer Street #336  
Seattle, WA 98292  
Administration

Residence: Seattle, WA, Administration

Signature: \_\_\_\_\_

Elizabeth K. John

Date: \_\_\_\_\_

Full Name of inventor:

Citizenship: \_\_\_\_\_  
Post Office Address: \_\_\_\_\_

Residence: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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Post Office Address: \_\_\_\_\_

Residence: \_\_\_\_\_

Signature: \_\_\_\_\_

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Full Name of inventor:

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Residence: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

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Post Office Address: 620 Galer Street #336  
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Administration

Residence: Seattle, WA, Administration

Signature: \_\_\_\_\_

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Date: \_\_\_\_\_

Full Name of inventor:

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Citizenship: United States of America Residence: Seattle, WA, Administration  
Post Office Address: 620 Gafer Street #336 3950 Mahala Avenue # E-23  
Seattle, WA 98292 San Diego, CA 92122  
Administration

Signature: Elizabeth K. John Date: 2-27-02  
Elizabeth K. John

Full Name of inventor:  
Citizenship:  
Post Office Address:

Residence:

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
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SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

# United States Patent Application

## COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **HIGH DOSE RADIONUCLIDE COMPLEXES FOR BONE MARROW SUPPRESSION.**

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<u>Application Number</u>	<u>Filing Date</u>	<u>Status</u>
PCT/US00/16052	June 12, 2000	Complete

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Attorney of NeoRx Corporation:

Anna Lewak Wight Reg. No. 33,006

Attorneys and agents of Schwegman, Lundberg, Woessner & Kluth, P.A.:

Anglin, J. Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Nelson, Albin J.	Reg. No. 28,650
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Clise, Timothy B.	Reg. No. 40,957	Maki, Peter C.	Reg. No. 42,832	Smith, Michael G.	Reg. No. 45,368
Cochran, David R.	Reg. No. 46,632	Malen, Peter L.	Reg. No. 44,894	Speier, Gary J.	Reg. No. 45,458
Dahl, John M.	Reg. No. 44,639	Mates, Robert E.	Reg. No. 35,271	Steffey, Charles E.	Reg. No. 25,179
Drake, Eduardo E.	Reg. No. 40,594	McCrackin, Ann M.	Reg. No. 42,858	Stordal, Leif T.	Reg. No. 46,251
Embreton, Janet E.	Reg. No. 39,665	McTavish, Hugh E.	Reg. No. 48,341	Terry, Kathleen R.	Reg. No. 31,884
Forrest, Bradley A.	Reg. No. 30,837	Mehrle, Joseph P.	Reg. No. 45,535	Tong, Viet V.	Reg. No. 45,416
Gamon, Owen J.	Reg. No. 36,143	Moore, Charles L., Jr.	Reg. No. 33,742	Viksnins, Ann S.	Reg. No. 37,748
Gorrie, Gregory J.	Reg. No. 36,530	Muller, Mark V.	Reg. No. 37,509	Woessner, Warren D.	Reg. No. 30,440
Gortych, Joseph E.	Reg. No. 41,791	Nama, Kash	Reg. No. 44,255		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary.

Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402  
Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1 : Alan R. Fritzberg

Citizenship: United States of America  
Post Office Address: 417 E.J. Young Road  
Olga, WA 98279

Residence: Olga, WA

Signature: Alan R. Fritzberg

Alan R. Fritzberg

Date: Feb 21, 2002

Full Name of joint inventor number 2 : Paul G. Abrams

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Post Office Address: 2125 1st Avenue, #1602  
Seattle, WA 98121

Residence: Seattle, WA

Signature: Paul G. Abrams

Date:

Additional inventors are being named on separately numbered sheets, attached hereto.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 3 : Lauren Marie Tatalick

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Residence: Redmond, WA

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Signature: \_\_\_\_\_

Lauren Marie Tatalick

Date: \_\_\_\_\_

Full Name of joint inventor number 4 : Kent R. Thoelke

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Residence: Seattle, WA

Post Office Address: 2115 Westlake Avenue N.  
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Signature: \_\_\_\_\_

Kent R. Thoelke

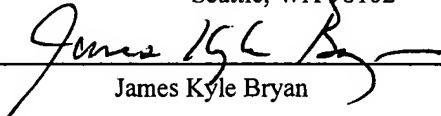
Date: \_\_\_\_\_

Full Name of joint inventor number 5 : James Kyle Bryan

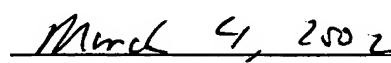
Citizenship: United States of America

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Seattle, WA 98102

Signature: 

James Kyle Bryan

Date: 

Full Name of joint inventor number 6 : Mark D. Hylarides

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Stanwood, WA 98292

Signature: \_\_\_\_\_

Mark D. Hylarides

Date: \_\_\_\_\_

X Additional inventors are being named on separately numbered sheets, attached hereto.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 7 : Elizabeth K. John

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Administration

Residence: Seattle, WA, Administration

Signature: \_\_\_\_\_

Elizabeth K. John

Date: \_\_\_\_\_

Full Name of inventor:

Citizenship:

Post Office Address:

Residence:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Full Name of inventor:

Citizenship:

Post Office Address:

Residence:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Full Name of inventor:

Citizenship:

Post Office Address:

Residence:

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
  - (i) Opposing an argument of unpatentability relied on by the Office, or
  - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

- (1) Each inventor named in the application;
- (2) Each attorney or agent who prepares or prosecutes the application; and
- (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

# SAVILLE & CO

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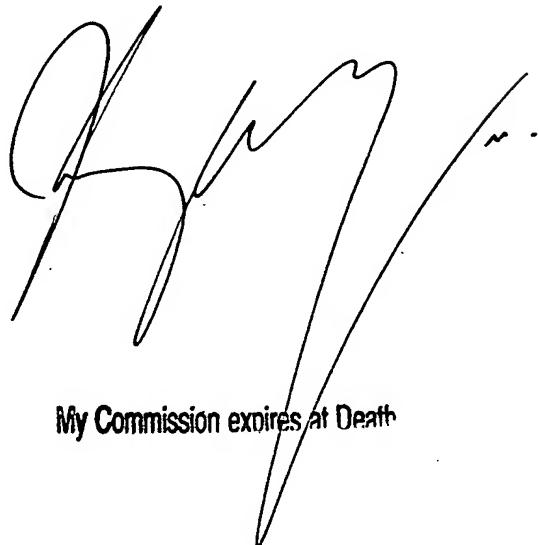
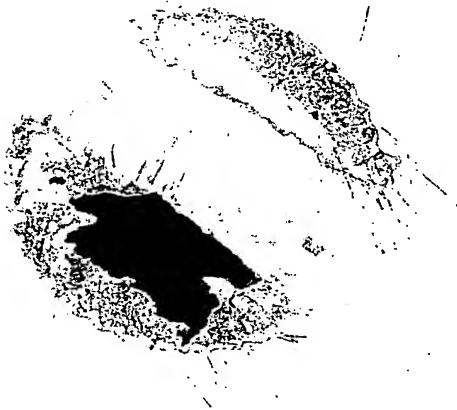


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Sophie Jenkins (ASSOCIATE)  
Derek Julian (CONSULTANT)

KINGDOM OF ENGLAND )  
CITY OF LONDON ) S.S.

On this fourth day of March in the year two thousand and two  
before me IAN RODERICK CAMPBELL of the City of  
London NOTARY PUBLIC by royal authority duly admitted  
and sworn personally came and appeared JAMES KYLE  
BRYAN personally known to me and known to me to be the  
person named in and who signed and executed the annexed  
instrument and acknowledged to me that he executed the same  
as and for his free and voluntary act and deed for the uses and  
purposes therein set forth.



IAN RODERICK CAMPBELL

My Commission expires at Death



# 10014335

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Richard Saville  
Ian Campbell  
Ella Imison (ASSOCIATE)  
Sophie Jenkins (ASSOCIATE)  
Derek Julian (CONSULTANT)

On this fourth day of March in the year two thousand and two before me IAN RODERICK CAMPBELL of the City of London NOTARY PUBLIC by royal authority duly admitted and sworn personally came and appeared KENT RICHARD THOELKE personally known to me and known to me to be the person named in and who signed and executed the annexed instrument and acknowledged to me that he executed the same as and for his free and voluntary act and deed for the uses and purposes therein set forth.

My Commission expires at Death